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Also admitted in Massachusetts
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Via Hand Delivery

October 23, 2019

Kathleen Mignanelli, Coordinator
Energy Facility Siting Board
89 Jefferson Boulevard
Warwick, RI 02888

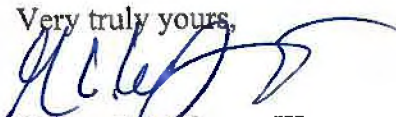
Re: In re: The Narragansett Electric Company d/b/a National Grid
Notice of Intent to Construct 115 kV Tap Lines of Less Than 1,000 Feet
(Dunnell Park Substation Tap Lines)

RECEIVED
2019 OCT 23 PM 3:34
PUBLIC UTILITIES COMMISSION

Dear Ms. Mignanelli:

I am enclosing for filing an original and seven (7) copies of the Notice of Intent to construct 115 kV tap lines of less than 1,000 feet pursuant to Rule 1.6(C) of the EFSB Rules of Practice and Procedure on behalf of The Narragansett Electric Company d/b/a National Grid to connect the Newport Substation to the electric transmission system.

Very truly yours,



George W. Watson III

Enclosures

Copy to: Richard J. Goldstein, City Clerk
Frank J. Milos, Jr., Esq., City Solicitor
Rachel Thomas, Esq., National Grid
Patricia S. Lucarelli, Esq., Chief of Legal Services, Energy Facility Siting Board

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ENERGY FACILITY SITING BOARD**

In re: THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID Notice of Intent to
Construct Two Tap Lines of Less Than 1,000 Feet
(Dunnell Park Substation Tap Lines)

NOTICE OF INTENT TO CONSTRUCT

In accordance with Rule 1.6(C) of the Rhode Island Energy Facility Siting Board (“EFSB”) Rules of Practice and Procedure, The Narragansett Electric Company d/b/a National Grid (“TNEC” or “the Company”) hereby notifies the EFSB of TNEC’s intent to construct two 115 kV tap lines, each no longer than 150 feet, in Pawtucket, Rhode Island (“the Project”). The Project is required for the new Dunnell Park Substation (“the New Substation”) that will be constructed at 206 York Road, Pawtucket, Rhode Island (the “Property”). TNEC is the fee owner of the Property, through which a 125-foot wide transmission line right of way (“ROW”) runs. Three 115 kV transmission lines, including the T7 and X3 Lines, and one sub-transmission line are located in the ROW. The New Substation will be located entirely within or immediately adjacent to the ROW, and the proposed 115 kV tap lines will interconnect the Substation with the T7 and X3 Lines, as depicted in the Site Plan for the Project which is attached as Exhibit A. The Company intends to retire a portion of the Pawtucket No. 1 Substation, located on Tidewater Street, and the New Substation is needed to serve load in the City of Pawtucket (“City”).

TNEC files this notice pursuant to EFSB Rule 1.6(C) regarding new power lines of less than 1,000 feet with a capacity of 69 kV or more. According to the EFSB’s rules, the EFSB shall act upon this Notice, and any objection filed thereto, no later than forty-five days following the filing of this Notice. The Project does not constitute an “alteration” of a major energy facility because the length of each new tap line is less than 1,000 feet. See Rule 1.3(A)(4).

1. Identification of the Owner of the Facility

The owner of the relevant facilities is The Narragansett Electric Company, a subsidiary of National Grid USA, Inc.¹ TNEC's business address is 280 Melrose Street, Providence, Rhode Island 02907. The Project will be located on the TNEC-owned Property.

2. Detailed Description of the Proposed Tap Lines

A. Length

The Project involves the construction of two new 115 kV tap lines. The Company will construct a tap from the existing T7 Line of no more than 150 feet to the New Substation. The Company will also construct a tap from the existing X3 line of no more than 100 feet to the New Substation.

B. Route

To interconnect the new tap line with the existing T7 Line and the New Substation, the Company will install one steel double-circuit monopole structure (Structure 160A) with davit arms between existing Structures 160 and 161. To complete the X3 tap, the Company will replace existing double circuit steel deadend Structure 11 with a double-circuit monopole davit arm structure. Structure 160A will be approximately 85 feet tall, and new Structure 11 will be approximately 90 feet tall. Transmission structure heights in the immediate area around the Property range from approximately 75 to 80 feet tall. The Company will also construct two substation dead end structures in the New Substation where the tap lines will terminate. The T7 tap will terminate at a height of approximately 28 feet, and the X3 tap will terminate at a height of approximately 32 feet.

¹ A chart identifying affiliates of the owner is attached hereto as Exhibit B.

Attached as Exhibit A is the Site Plan depicting the approximate location of the Project, the existing transmission and sub-transmission lines (including the T7 and X3 Lines), and the New Substation.

C. Function

The Project will connect the Substation with the Company's existing 115 kV transmission system via the T7 and X3 Lines. The New Substation is required because the Company intends to remove the existing Pawtucket No. 1 Substation, which currently supplies load in the City. The age of the Pawtucket No. 1 Substation presents asset condition and reliability concerns, so the Company intends to construct the New Substation to serve the City.

3. The Project Does Not Constitute the Alteration of a Major Energy Facility

The Project does not constitute an "alteration" of a major energy facility. The proposed T7 and X3 tap lines will be no more than 150 feet and 100 feet, respectively, and the EFSB has expressly excluded power lines under 1,000 feet in length from the definition of "alteration" in Rule 1.3(A)(4): "[t]he construction, modification or relocation of a power line of 69 kV or more which are less than 1,000 feet in length shall not be treated as an alteration...." As noted above, Project work will occur entirely within TNEC's fee owned property. The Property and accompanying ROW are already occupied by three transmission lines and associated structures. The Project is substantially similar to other TNEC projects in which the EFSB determined that new transmission lines less than 1,000 feet in length do not constitute alterations of a major energy facility. See, e.g., Docket SB 2013-1 (decision dated April 1, 2013); Docket SB-2013-02 (decision dated September 5, 2013); Docket SB 2015-01 (decision dated June 2, 2015); Docket SB 2015-02 (decision dated June 2, 2015); Docket SB 2015-5 (decision dated November 16, 2015); and Docket SB 2019-01 (decision dated April 2, 2019).

TNEC believes that this Project will not result in any significant impact on the environment or the public health, safety and welfare, and therefore does not require further formal EFSB investigation or approval. The implementation of appropriate best management practices and mitigation measures during construction will avoid or minimize the construction phase impacts to the natural and social environment. In addition, the tap lines will be designed, constructed and operated consistent with applicable safety requirements.

CONCLUSION

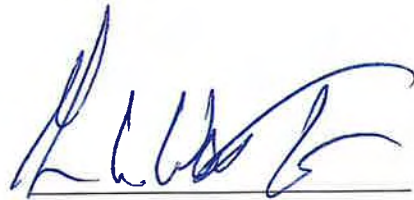
For the reasons stated above, TNEC respectfully requests that the EFSB enter an Order pursuant to EFSB Rule 1.6(E) accepting this Notice of Intent to Construct the new 115 kV tap lines and ruling that the Project may proceed without any further review by the EFSB.

THE NARRAGANSETT ELECTRIC COMPANY d/b/a
NATIONAL GRID

By its Attorneys,



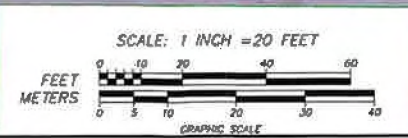
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CONFIDENTIALITY STATEMENT: THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF NATIONAL GRID. IT IS TO BE USED BY AUTHORIZED CONTRACTORS FOR NATIONAL GRID SOLELY IN CONNECTION WITH THE SPECIFIC PROJECT FOR WHICH IT HAS BEEN TRANSMITTED. ANY OTHER USE, ITS REPRODUCTION WITHOUT PRIOR EXPRESS WRITTEN AUTHORIZATION OF NATIONAL GRID IS STRICTLY PROHIBITED.



PROVIDED BY	REVIEWED BY	DATE	DESCRIPTION	VERSION
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<p>X3 AND T7 115KV LINES TAP TO DUNNELL PARK SUBSTATION X3/P11 LINES STRUCTURE #11 AND T7 LINE STRUCTURE #160 OVERALL SITE PLAN</p>				
nationalgrid				

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The Narragansett Electric Company

Structure Chart

